

L6 ANSWER 70 OF 319 HCA COPYRIGHT 1996 ACS

ACCESSION NUMBER: 122:33631 HCA  
TITLE: Spin-coatable anti-reflective coatings  
INVENTOR(S): Sakai, Yasuhiro  
PATENT ASSIGNEE(S): Asahi Optical Co Ltd, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF

	NUMBER	DATE
PATENT INFORMATION	JP 06025599 A2	940201 Heisei
APPLICATION INFORMATION:	JP 92-183707	920710
DOCUMENT TYPE:	Patent	
LANGUAGE:	Japanese	

AB Title coatings, having solids content 1-7%, contain org. silane, org. siloxane, and/or fluoro siloxane hydrolyzates and .ltoreq.10% (based on total solids) metal fluorides. A siloxane-coated polyurethane lens was spin coated with a compn. contg. a catalyst, 3-methacryloxypropyltrimethoxysilane hydrolyzate and (MeO)<sub>3</sub>SiC<sub>2</sub>H<sub>4</sub>C<sub>6</sub>F<sub>12</sub>C<sub>2</sub>H<sub>4</sub>Si(OMe)<sub>3</sub> hydrolyzate, and baked at 145.degree. for 4 h to form a surface with refractive index 1.43 and transparency 98.4%.